



SEQUENCE LISTING

<110> KRIEG, ARTHUR M

<120> NUCLEIC ACID COMPOSITIONS FOR STIMULATING IMMUNE RESPONSES

<130> C1037.70044US00

<140> US 10/613,736

<141> 2003-07-03

<150> US 60/394,164

<151> 2002-07-03

<160> 26

<170> PatentIn version 3.2

<210> 1

<211> 24

<212> DNA

<213> Artificial sequence

<220>

<223> Oligodeoxynucleotide

<400> 1
tcgtcgtttt gtcgtttttt tcga 24

<210> 2

<211> 24

<212> DNA

<213> Artificial sequence

<220>

<223> Oligodeoxynucleotide

<400> 2
tcgtcgtttt gtcgttttgt cgtt 24

<210> 3

<211> 24

<212> DNA

<213> Artificial sequence

<220>

<223> Oligodeoxynucleotide

<220>

<221> misc_feature

<222> (1)..(15)

<223> n is a, c, g, or t

<400> 3

nnnnnnnnnn nnnnnnttttt tcga 24

<210> 4
<211> 9
<212> DNA
<213> Artificial sequence

<220>

<223> Oligodeoxynucleotide

<400> 4
ttttttcga 9

<210> 5
<211> 24
<212> DNA
<213> Artificial sequence

<220>

<223> Oligodeoxynucleotide

<220>
<221> misc_feature
<222> (20)..(24)
<223> n is a, c, g, or t

<400> 5
tcgtcgtttt gtcgtttttt nnnn 24

<210> 6
<211> 19
<212> DNA
<213> Artificial sequence

<220>

<223> Oligodeoxynucleotide

<400> 6
tcgtcgtttt gtcgttttt 19

<210> 7
<211> 23
<212> DNA
<213> Artificial sequence

<220>

<223> Oligodeoxynucleotide

<400> 7
tcgtcgtttt gtcgtttttt tcg 23

<210> 8
<211> 22
<212> DNA
<213> Artificial sequence

<220>
<223> Oligodeoxynucleotide

<400> 8
tcgtcgtttt gtcgtttttt tc 22

<210> 9
<211> 21
<212> DNA
<213> Artificial sequence

<220>
<223> Oligodeoxynucleotide

<400> 9
tcgtcgtttt gtcgtttttt t 21

<210> 10
<211> 20
<212> DNA
<213> Artificial sequence

<220>
<223> Oligodeoxynucleotide

<400> 10
tcgtcgtttt gtcgtttttt 20

<210> 11
<211> 23
<212> DNA
<213> Artificial sequence

<220>
<223> Oligodeoxynucleotide

<400> 11
cgtcgttttg tcgttttttt cga 23

<210> 12
<211> 22
<212> DNA
<213> Artificial sequence

<220>
<223> Oligodeoxynucleotide

<400> 12

gtcgttttgt cgtttttttc ga 22

<210> 13
<211> 21
<212> DNA
<213> Artificial sequence
<220>

<223> Oligodeoxynucleotide

<400> 13
tcgttttgtc gtttttttcg a 21

<210> 14
<211> 20
<212> DNA
<213> Artificial sequence
<220>

<223> Oligodeoxynucleotide

<400> 14
cgttttgtcg tttttttcga 20

<210> 15
<211> 19
<212> DNA
<213> Artificial sequence
<220>

<223> Oligodeoxynucleotide

<400> 15
gttttgtcgt ttttttcga 19

<210> 16
<211> 18
<212> DNA
<213> Artificial sequence
<220>

<223> Oligodeoxynucleotide

<400> 16
ttttgtcggt tttttcga 18

<210> 17
<211> 17
<212> DNA
<213> Artificial sequence
<220>

<223> Oligodeoxynucleotide

<400> 17

tttgtcgttt ttttcga

17

<210> 18

<211> 16

<212> DNA

<213> Artificial sequence

<220>

<223> Oligodeoxynucleotide

<400> 18

ttgtcgtttt tttcga

16

<210> 19

<211> 15

<212> DNA

<213> Artificial sequence

<220>

<223> Oligodeoxynucleotide

<400> 19

tgtcgttttt ttcga

15

<210> 20

<211> 14

<212> DNA

<213> Artificial sequence

<220>

<223> Oligodeoxynucleotide

<400> 20

gtcgtttttt tcga

14

<210> 21

<211> 13

<212> DNA

<213> Artificial sequence

<220>

<223> Oligodeoxynucleotide

<400> 21

tcgttttttt cga

13

<210> 22

<211> 12

<212> DNA

<213> Artificial sequence

<220>

<223> Oligodeoxynucleotide

<400> 22

cgtttttttc ga

12

<210> 23

<211> 11

<212> DNA

<213> Artificial sequence

<220>

<223> Oligodeoxynucleotide

<400> 23

gtttttttcg a

11

<210> 24

<211> 10

<212> DNA

<213> Artificial sequence

<220>

<223> Oligodeoxynucleotide

<400> 24

tttttttcga

13

10

<210> 25

<211> 26

<212> DNA

<213> Artificial sequence

<220>

<223> Oligodeoxynucleotide

<220>

<221> misc_feature

<222> (4)..(23)

<223> n is a, c, g, or t; and any 0-20 may be absent

<400> 25

gggnnnnnnnn nnnnnnnnnn nnnnggg

<210> 26

<211> 49

<212> DNA

<213> Artificial sequence

<220>

<223> Oligodeoxynucleotide

<220>

<221> misc_feature

<222> (4)..(23)

<223> n is a, c, g, or t; and any 0-20 may be absent

<220>

<221> misc_feature

<222> (27)..(46)

<223> n is a, c, g, or t; and any 0-20 may be absent

<400> 26

gggnnnnnnnn nnnnnnnnnn nnngggnnnnn nnnnnnnnnn nnnnnnggg